

Fiscal Year 2018

- **American Turtle Observatory, Inc. (New Salem)** – to evaluate the effects of habitat and wetland change on four long-lived, freshwater turtle species of concern, from population samples 10 + years ago - \$40,000.00
- **Center for Coastal Studies (Provincetown)** - to measure total nitrogen in six embayments on Cape Cod to identify and quantify different sources through the use of stable isotope analysis - 37,484.00
- **Connecticut River Watershed Council (Greenfield)** – for a second year of a 3-year project to launch and sustain freshwater mussel restoration in the Connecticut River Watershed, with emphasis on the endangered Brook Floater mussel - \$40,500.00
- **Green Roots, Inc. (Chelsea)** - to design, permit and construct ecological habitat improvements on the upland banks of the Mill Creek and identify the cause of, and develop a solution to high bacterial counts in water quality testing results - \$25,000.00
- **Lloyd Center for Environmental Education, Inc. (Dartmouth)** – for the Climate Science Learning Project, an interactive elementary school teaching model that will engage 96 classrooms serving low-income families in Fall River and Greater New Bedford - \$20,000.00
- **Massachusetts Association of Conservation Commissions (MACC)** - to research, write, and publish the Massachusetts Wetlands Buffer Zones Guidebook, a resource on regulating activities in the buffer zones of wetlands and other water resources - \$35,000.00
- **Mystic River Watershed Association (Arlington)** – for a final season of water quality testing to complete a plan to address nutrient pollution in the Mystic River Watershed - \$20,000.00
- **North and South Rivers Watershed Association (Norwell)** - to document, scientifically monitor, and tell the story of the physical and biological response of the Third Herring Brook river system after removing the Tack Factory Dam - \$28,500.00
- **OARS, Inc. (Concord)** – to develop a report card for the Sudbury-Assabet-Concord Rivers to better communicate the changing health of the rivers with the goal of improving stewardship and restoring river health - \$25,000.00
- **Sea Run Brook Trout Coalition Corp. (Newburyport)** - to evaluate factors necessary to restore tidal exchange and fish passage to Fresh Brook in South Wellfleet - \$25,000.00
- **Town of Duxbury** - for hydrology and hydraulics studies to understand the effects of removing the Tempe Street Dam- \$10,000.00
- **Town of Ipswich** - to conduct a feasibility study including conceptual designs, renderings and cost estimations to remove the Ipswich Mills Dam - \$25,000.00
- **Town of Manchester-by-the-Sea** – for feasibility studies for the removal of a tide gate, culvert enlargements, and restoration of Central Pond and the Sawmill Brook stream channel - \$41,885.00

- **Trout Unlimited, Inc. (Chester & Worthington)** - to remove two impassable instream barriers and re-open access to 30+ miles of interconnected coldwater habitat on Kinne Brook, a tributary to the Middle Branch of the Westfield River - \$38,600.00
- **UMass Amherst** – for use of a water isotope mapping tool for fingerprinting sources and understanding droughts impacts - \$94,375.00.00